NOTES.

Drs. Fisher and Schwatt's translation of Dr. H. Durège's Elements of the Theory of Functions is now ready.

Alexander Macmillan, the younger of the two brothers of the firm Macmillan & Co., died in England on January 25.

THE LOBACHEVSKI PRIZE.

On May 1, 1895, the Lobachévski Fund had reached, beyond all expenses, 8840 roubles, 95 kopeks.

This sum permits the accomplishment of the double aim of the committee: to found an international prize for research in geometry, especially non-Euclidean geometry, and to erect a bust of the celebrated scientist.

The prize, 500 roubles, will be adjudged every three years to the best works or memoirs on geometry, especially non-Euclidean geometry.

The prize will be given for works printed in the Russian, French, German, English, Italian, or Latin, sent to the Physico-Mathematical Society of Kazán by the authors, published during the six years which precede the adjudication of the prize. Works to compete must be sent to the Society at the latest one year before the day of award, October 22 old style (November 3).

The first prize will be adjudged October 22 (November 3), 1897.

To award the prize, the Society will form a commission to choose judges among Russian or foreign scientists.

The work of the judges (reporters) will be recompensed by medals of gold, bearing the name of Lobachévski.

As a fixed capital to found this prize, 6000 roubles were invested.

Of the sum collected, an additional 2000 roubles goes to share the expense of erecting a bust of Lobachévski in the park bearing his name in front of the University edifice in Kazán, the remainder of the cost to be borne by the Municipal Council.

A special committee, consisting of representatives of the Municipal Council and of the Physico-Mathematical Society, has made a contract with Mlle. Dillon, who engages for 3000 roubles to furnish a bronze bust of Lobachévski, to be placed on a granite pedestal, the height of the monument to exceed 3 mèters.

It is hoped to unveil the bust between the 15th and 25th of September, 1896.

This 'fête mathématique' will follow the 'congrès des savants russes naturalistes et mathématiciens' at Kiev from 1st to 12th of September, 1896, and be during the grand Russian Exposition artistic and industrial at Nijny-Novgorod in the summer and autumn of 1896. Foreigners in any way identified with the name of Lobachévski are invited to the fête, and such as accept will be the guests of the city and University of Kazán.

For a second bust of Lobachévski to be placed in the Assembly Hall of the

University, 200 roubles have been given from the Lobachévski fund, the remainder of the cost to be borne by the professors of the University.

The residue of the sum already collected (640 r. 95 k.) will be added to the fixed capital. The augmentation of the capital will permit of a new edition of Lobachévski's works in a few years, the first volume of the Kazán edition having already become rare (out of print).

The Physico-Mathematical Society of Kazán has already received a large number of works and memoirs relating to Lobachévski and non-Euclidean geometry, and now having added its own collection of the printed and manuscript works of Lobachévski, the Society has inaugurated a separate library under the name *Bibliotheca Lobachévskiana*. It is hoped that in time this library will collect all the literature of non-Euclidean geometry and be an indispensable aid to those engaged in its development.

All writers on this fecund subject are begged to send to this library copies of their works.

Alas! That the Mathematico-physical Society of Hungary, a country having an equal claim to all the honors of the non-Euclidean geometry through the genius of Bolyai János, should have been content with placing in 1894 a monumental stone on his long neglected grave in Maros-Vásárhely!

GEORGE BRUCE HALSTED.

Austin, Texas.

THE UNIVERSITY OF CHICAGO: SUMMER, 1896.

The following mathematical courses will be offered: By Professor *Moore*, Theory of numbers, Differential equations (with introduction to Lie's continuous transformation groups); by Professor *Bolza*, Theory of substitutions, Theory of functions of a complex variable; by Professor *Miller*, of the University of Indiana, Analytical geometry of three dimensions; by Dr. *Young*, Conferences on mathematical pedagogy, Theory of equations, College algebra; by Mr. *Slaught*, Advanced integral calculus, Introductory course in differential and integral calculus; and by Mr. *Baker*, Analytical geometry of the plane. The pedagogical conferences are two hours weekly for six weeks and the other courses are four or five hours weekly for twelve weeks from July 1, 1896. Those who expect to work in mathematics in the University of Chicago during the coming summer as well as those who desire further information are requested to communicate with Professor Moore.